

Calimax® Calciumsilicat thermal insulation board for interior insulation and mold remediation

✓ Indoor climate regulating properties

The diffusion-open and capillary-active **Calimax®** Calcium-silicat thermal insulation board has been specially developed for the insulation and mold remediation/prevention of interiors. We rely on domestic quality in its manufacture and enable safe, healthy and comfortable living spaces.

✓ Thermal and mold protection in one panel

The approved, non-combustible board is purely mineral and fiber-free. Thanks to its fine air voids, the thermal insulation board offers excellent insulation properties, while its high alkalinity and moisture-regulating properties prevent mold from growing.

Features

Diffusion-open	Improves the indoor climate, no odor, versatile application possibilities
Absorbent	Condensation moisture is absorbed very quickly from the room air and stored temporarily
Capillary-active	Absorbed moisture is distributed over a large area and released again during ventilation
Alkalinity	Mold cannot find a breeding ground, growth of mold is prevented
Microporous structure	Good insulating properties, reduced heat loss, shorter heat-up times
Low weight, easy handling	Quick and easy installation and processing, no static load
Natural and purely mineral	Free from respirable fibers, easy to process
Non-combustible, building material class A1	Fireproof, without deformation, melting or release of toxic vapors even in the event of fire
Approved and tested	Continuous monitoring and quality control, approval ETA 05-0179
Building biologically sound	Product regularly tested for VOC - biocides - heavy metals and radioactivity

Technical data

Available panel thicknesses	2.5 / 3 / 4 cm	5 / 6 / 8 / 10 / 12 cm*
Dimensions	60 x 38 cm ^Δ	
Density	131 – 150 kg/m ³ Type D	85 – 110 kg/m ³ Type B
Nominal thermal conductivity $\lambda_{10, dry}$	0.049 W/(m*K)	0.040 W/(m*K)
Diffusion resistance factor μ	3 – 7	
Building material class acc. DIN EN 13501-1	A1, non flammable	
Melting point	> 1250 °C	
Pressure resistance DIN EN 826	> 300 kPa	> 200 kPa
pH value	approx. 10 – 11	

* other thicknesses on request

^Δ Size deviation +/- 2 mm in terms of length, width and thickness with squareness < 0.6 cm per 100 cm.

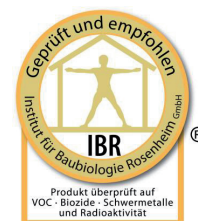
More information can be found at www.dennert.de/downloads/daemmstoffe

Contact

Contact us if you have any questions about **Calimax®** Calcium-silicat thermal insulation boards. We will be happy to advise you: **+49(0)9503 48-41 or info@poratec.de**

Expert opinion

Expert opinion IBR Nr. 3023 - 1342



The above information is based on experience gained in the laboratory and during operation. They are intended to provide general product information and are therefore to be regarded as binding. This data sheet replaces all previous editions and may be replaced by a new version without prior notice. More information can be found at www.dennert.de/downloads/daemmstoffe Version: 10/2023